


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER 02153PCT
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/528476</div>
INTERNATIONAL APPLICATION NO. PCT/JP2003/012929	INTERNATIONAL FILING DATE 09.10.2003	PRIORITY DATE CLAIMED 11.10.2002
TITLE OF INVENTION Sealing material for semiconductor device and method for production thereof		
APPLICANT(S) FOR DO/EO/US ASAHI GLASS CO., LTD. NIPPON VALQUA INDUSTRIES, LTD.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
<b>Items 13 to 23 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input checked="" type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>ED-561-123-055-US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:            a) Form PCT/IB/301; b) Form PCT/IB/308; c) Application Data Sheet; and d) postcard receipt.         </li> </ol>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/528476</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/012929</b>		ATTORNEY'S DOCKET NUMBER <b>02153PCT</b>	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee . . . . . \$300.00				\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee . . . . . \$200.00				\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee . . . . . \$500.00				\$	\$500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1000.00				\$	\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
41 - 100 =	-59 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	16 - 20 =	0	x \$50.00	\$	\$0.00
Independent claims	3 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00				\$	\$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$1,360.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$0.00
<b>SUBTOTAL =</b>				\$	\$1,360.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$	\$1,360.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$40.00
<b>TOTAL FEES ENCLOSED =</b>				\$	\$1,400.00
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$1,400.00</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____ c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-3288</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Robert J. Jacobson, P.A. 650 Brimhall Street South St. Paul, MN 55116-1511					
				SIGNATURE  <b>3-19-05</b> Robert J. Jacobson NAME <b>32,419</b> REGISTRATION NUMBER	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ASAHI GLASS CO., LTD.  
NIPPON VALQUA INDUSTRIES, LTD.  
Serial No.: OF EVEN DATE  
Filed: March 19, 2005  
For: Sealing material for semiconductor device and  
method for production thereof

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING VIA EXPRESS MAIL

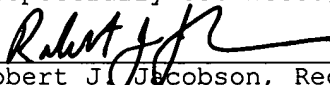
Sir:

I hereby certify that the attached patent application (or national stage documents) consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on March 19, 2005 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, under Express Mail Post Office to Addressee Label No. ED-561-123-055-US:

1. This Certificate Of Mailing Via Express Mail dated 03/19/2005 (one page);
2. Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 dated 03/19/2005 (two pages);
3. A FIRST preliminary amendment dated 03/19/2005 (seven pages) (**filing fee based on preliminary amendment that includes multiple dependent claims**);
4. Check no. 522205801 for \$1040.00;
5. Check no. 507931871 for \$360.00;
6. Application Data Sheet (four pages);
7. A copy of the Notification Of Receipt Of Record Copy (PCT/IB/301) (two pages);
8. A copy of the Notice Informing The Applicant Of The Communication Of The International Application To The Designated Offices (PCT/IB/308) (one page);
9. Verification of Translation dated March 10, 2005 (one page) having attached thereto an English language translation of the International Application as filed including: a) Description (pages 1-37); b) Claims (pages 38-40); and c) Abstract (page 41);
10. A second copy of the English language translation (including Verification of Translation) for purposes of 35 U.S.C. 154(d)(4);
11. A second copy of WO 2004/033580 A1 including the International Search Report in Japanese and English, i.e., the International Publication Document for which this case is the national phase entry, for purposes of 35 U.S.C. 154(d)(4) (where the first copy was submitted by the International Bureau);
12. A stand alone copy of the International Search Report in Japanese (two pages) and translation into English (two pages) (four pages total);
13. Declaration For Utility Or Design Patent Application (six pages total);
14. Assignment documents consisting of a) Recordation Form Cover Sheet dated 03/19/05 (one page); b) Continuation of Recordation Form Cover Sheet (one page; and c) Assignment of Invention (four pages total);
15. Information Disclosure Statement dated 03/19/05 (two pages) having PTO-1449 form (two sheets) and twelve references noted on PTO-1440 form with an English abstract for each of the references; and
16. Postcard Receipt.

Respectfully submitted,

Date: 3-19-05

  
Robert J. Jacobson, Reg. No. 32,419  
650 Brimhall Street South  
St. Paul, MN 55116-1511

Tel. No.: (651) 699-7900  
Fax. No.: (651) 699-7901